Buffalo AirStation G54

54Mbps Wireless USB Adapter – WLI2-USB2-G54

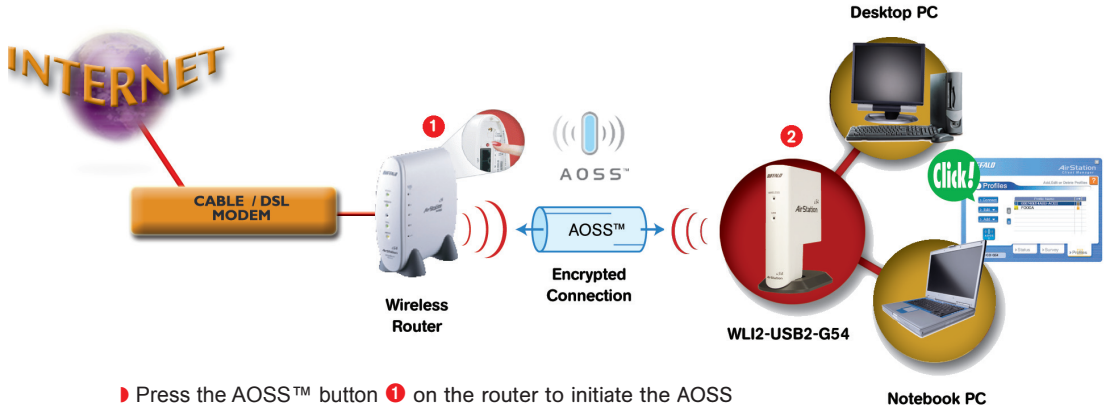
The AirStation 54Mbps Wireless USB Adapter offers instant wireless connectivity using AOSS™ (AirStation One-Touch Secure System) Technology to most Windows-based computer with an available USB port. Support for USB 2.0 provides the fastest USB data transfer speed; it is also compatible with USB 1.1 systems. The 54Mbps USB Adapter incorporates WPA (TKIP, AES) and standard WEP for security. Optional external 2.4GHz antenna can be added to boost range and increase performance.

WLI2-USB2-G54

- AirStation One-Touch Secure System (AOSS Client software required)
- 54Mbps High-Speed Wireless Data Rate
- Supports USB 2.0 and USB 1.1
- No power supply required
- Small and Compact Design
- External 2.4GHz antenna support
- WPA (TKIP, AES) and WEP Support
- Compatible with 802.11b
- 24/7 Toll-Free Tech Support
- 2-Year Warranty

AOSS™

Buffalo AirStation One-Touch Secure System allows you to create secure wireless connections with the push of a button and a click of the mouse!



- Press the AOSS™ button ❶ on the router to initiate the AOSS session.
- Click on the AOSS™ icon ❷ in the Buffalo Client Manager Software.
- **DONE** - A secure connection is automatically established between the Router, and USB client system.

BUFFALO™ www.buffalotech.com

Technical Specifications
54Mbps Wireless USB Adapter – WLI2-USB2-G54

Wireless LAN

Standards Compliance	802.11g (IEEE Wireless LAN Standard) 802.11b (IEEE Wireless LAN Standard)
Frequency Range	2.412 - 2.462GHz
Transmission Rate	802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps 802.11b: 1, 2, 5.5, 11Mbps
Security	WPA (TKIP, AES), 64/128-Bit WEP
Access Mode	Infrastructure Mode, AdHoc Mode
External Antenna Connector	MC
Output Power	15dBm (32mW)
Interface	USB 2.0
Communication Protocol	Direct Sequence Spread Spectrum (DSSS), Half Duplex OFDM, CCK, DQPSK, DBPSK
Dimensions	W4.8 x H3.7 x D2.2in (120 x 92 x 56mm)
Weight	3.1oz (88g)
Operating Environment	0-40˚ C, 20-80% humidity (non-condensing)
Power Supply	DC 5V (Powered via PC)
Power Consumption	2.45W (Max)
Electric Current Consumption	490mA (Max), 450mA (Normal)

Communication Range

Speed	Indoor	Outdoor
54Mbps	65 ft. (20m)	165 ft. (50m)
18Mbps	195 ft. (60m)	490 ft. (150m)
11Mbps	245 ft. (75m)	590 ft. (180m)
1Mbps	410 ft. (125m)	1870 ft. (570m)

All distances are estimated. Wireless connections may be affected as physical conditions and circumstances vary.

Support Available for:	Windows 98SE, ME, 2000 and XP
Package Contents:	AirStation 54Mbps USB Adapter, CD driver disk, Mounting Bracket, USB Cable, Quick Setup Guide and Warranty Statement
Related Products:	AirStation 54Mbps Wireless Cable/DSL Routers and Access Points, External 2.4GHz Antennas

How AOSS Handles Security:

When two or more AOSS clients attach to the AOSS network, the client and router automatically negotiate the highest level of security that the clients and router can support. In the above example, one of the AOSS clients supports both WEP and WPA level encryption (TKIP and AES), while the other supports only WEP. AOSS automatically adjusts the security to a level that both clients support.

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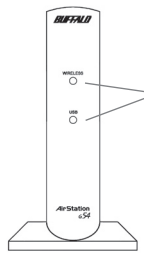
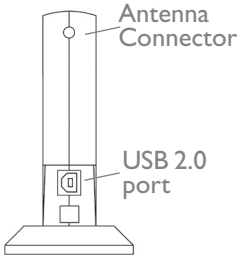


Front View



Rear View

Buffalo Technology (USA), Inc. is a leading global provider of affordable, easy-to-use, next-generation wired and wireless network solutions for the consumer, SOHO and SMB markets. With its expansion into the U.S. retail market, Buffalo offers home users a full suite of wireless home networking solutions such as its award winning line of AirStation 54g products; its high speed 125Mbps 802.11g Plus products; and its versatile line of 802.11a/b/g combo products. Buffalo completes its offerings with additional world-class networking solutions that include memory, storage and multimedia products - perfectly suited for any wireless environment. With its new AirStation OneTouch Secure System (AOSS™), Buffalo offers the ultimate in ease-of-use and security. The company's commitment to its customers and technological innovation has put Buffalo at the forefront of networking technology and is the foundation for its leading position among the top WLAN vendors worldwide.

BUFFALO™

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